DIPLOMA COURSE

Dento-Facial Orthodontics

QUEENS DENTAL SCIENCES CENTER

About the Course

The Diploma of Dento-Facial Orthodontics was developed in response to the dental profession's demand for a programme to answers the challenges of meeting increasing patient expectations in this special interest area.Driven by media and new digital technologies dentists are expected to provide the latest advanced restorative treatments. This Diploma teaches how optimum results in treatment outcome are dependent not only on excellent clinical skills but also on a sound understanding of these technologies if the pitfalls are to be avoided.

Module Outline

Course Structure Term 1

- This module develops knowledge and understanding of the requirements essential to the safe clinical practice and application of advanced treatment modalities and the challenge of long term maintenance issues or complications.
- It aims to highlight potential orthodontic complications in treatment and for you to be able to develop risk assessment strategies to avoid or minimize complications in orthodontic therapy.
- These challenges can range from unacceptable aesthetics and poor treatment outcomes to irreversible occlusal abnormalities.
- As it is not possible to prevent all complications, this module also considers essential management strategies and the ethical issues of informed consent and management of patient expectations.

Aim

To provide students with the advanced theoretical and clinical knowledge necessary to undertake the practical and clinical training offered in the later terms of the programme.

Course Structure Term 2

This module teaches fixed appliance mechanics. students will learn the fundamental features of bracket design and the physical properties of orthodontic arch wires and how the combination of both brackets and arch wire selection influence tooth movement.

You will also gain knowledge and understanding of theoretical and practical methods of how to bond and deboned brackets safely and monitor treatment progress.

The importance of anchorage in achieving controlled and predictable tooth movement will be emphasized.

Patient aesthetic awareness coupled with the development of new orthodontic techniques, Implant and restorative rehabilitation have increased the number of adults seeking advanced dental treatment.

This has increased the likelihood of dentists having to diagnose and treat the occlusion as part of a larger treatment plan.

This multidisciplinary module considers the anatomy, aetiology and management of occlusion from an orthodontic and restorative perspective.

Aim

To enable the dentist to effectively diagnose and formulate a treatment plan so that the patient can be treated with a comprehensive multidisciplinary approach.

Current

Predicted
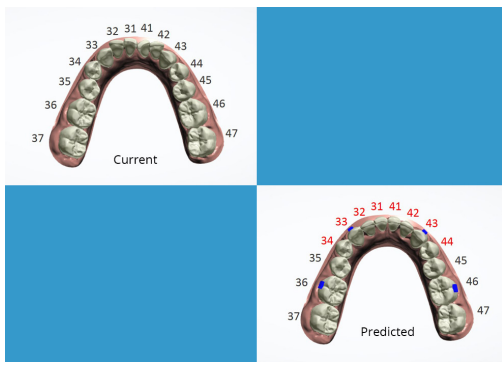
Course Structure Term 3

This module critically evaluates the latest computer assisted design and manufacturing technologies used in the practice of digital dentistry.

It aims to give you experience in the use of commercial CADCAM systems and further develop your abilities in the production of implant guides and restorations. A familiarity with CAD software will be established.

Dental computer packages will be used in order to develop a base level of competence and understanding.

Learners will be encouraged to evaluate the significance and effectiveness of dental CADCAM systems.It will also introduce image capturing technologies, their indications and application to the digital work flow.

The software commonly used in the treatment planning and design of restorative appliances and surgical guides will be covered in detail.

You will have the opportunity to use CAD software in the treatment of actual cases and assess its functions and application for various treatment modalities. CAM processes will include various appliance fabrication hardware such as milling and printing machines.

Aim

This course, when completed, is your initial step to a full Masters degree in the professional practice of Dento-Facial Orthodontics validated by the **University of Bolton.**

Admission Criteria

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